

CLAIMS

The invention claimed is:

1. An assembly adapted for use in an outrigger device for stabilizing a work vehicle, comprising:
 - an elongated housing having an open end and adapted to be pivotally attached to the vehicle;
 - an extendible-retractable beam telescopically fitted in said housing;
 - an actuator for extending and retracting said beam;
 - a jack tower affixed to an end of said beam, said jack tower including a first component affixed to said beam and a second extendible retractable component telescopically affixed to said first component; and
 - an actuator for extending and retracting said second component.
2. An assembly according to claim 1, wherein said second component has a ground engaging pad attached thereto.
3. An assembly according to claim 1, wherein said jack tower is affixed to said beam at an angle offset from 90 degrees.
4. An assembly according to claim 3, wherein said angle of offset is about 5 degrees to about 25 degrees.
5. An assembly according to claim 1, wherein each actuator comprises an independently actuatable double acting hydraulic cylinder.
6. An assembly according to claim 3, wherein said jack towers each comprise leveling cylinders and said second components comprise extendable-retractable rods telescopically fitted in said cylinders.

7. An assembly according to claim 1, wherein said housing is adapted to be pivotally attached to a first side of said vehicle and said beam extends beyond the opposite side of said vehicle.
8. An outrigger assembly for stabilizing a vehicle, comprising:
 - a pair of elongated support housings each adapted to be pivotally attached to said vehicle at a pivot point and each adapted to extend toward opposite sides of said vehicle from each other;
 - each housing having an open end having an extendible-retractable beam telescopically fitted therein;
 - an actuator for extending or retracting each beam;
 - a jack tower affixed to an end of each beam, said jack tower including a first component affixed to said beam and a second extendible retractable component telescopically affixed to said first component;
 - an actuator for extending and restricting said second component; and
 - an actuator for pivoting each housing about said pivot point.
9. An assembly according to claim 8, wherein each actuator comprises an independently actuatable double acting hydraulic cylinder.
10. An assembly according to claim 8, wherein said second component has a ground engaging pad pivotally attached thereto.
11. An assembly according to claim 8, wherein said jack tower is affixed to said beam at an angle offset from 90 degrees.
12. An assembly according to claim 11, wherein said angle of offset is about 5 degrees to about 25 degrees.

13. An assembly according to claim 8, wherein said jack towers each comprise hydraulic cylinders and said second components comprise extendable-retractable rods telescopically fitted in said cylinders.
14. An assembly according to claim 8, wherein said housing is adapted to be pivotally attached to a first side of said vehicle and said beam extends beyond the opposite side of said vehicle.
15. An assembly according to claim 8, wherein said vehicle comprises a fire engine fitted with an extendable aerial ladder.